

BREAKOUT ROOM:

Transportation, Infrastructure, and Utilities



To provide formal comments on the Ala Wai Bridge Draft EA:

Reply in writing by one of the following methods not later than April 22, 2021:

1. Via web form:

<http://bit.ly/AlaPonoComments>

2. Via email:

meredith.soniata@honolulu.gov

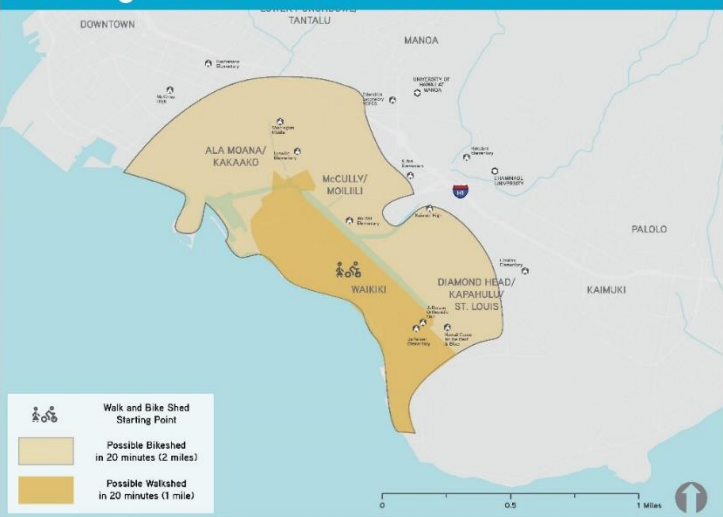
linda.fisher@hdrinc.com

3. Via US Postal Service:

City and County of Honolulu
Department of Transportation Services
Attention: Meredith Soniat
650 S. King St., 3rd Floor
Honolulu, HI 96813



Existing Walk and Bike Sheds



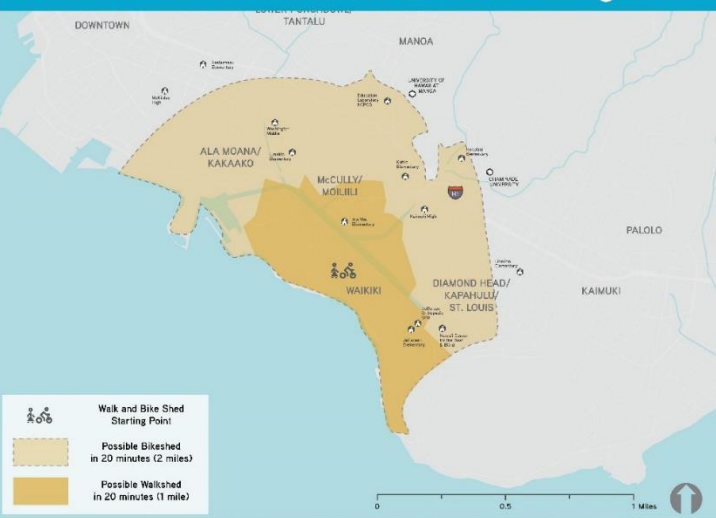
24,000

people currently live in an area where they can easily walk

87,000

live in an area where they can bike

Walk and Bike Sheds with a New Bridge



9,000+

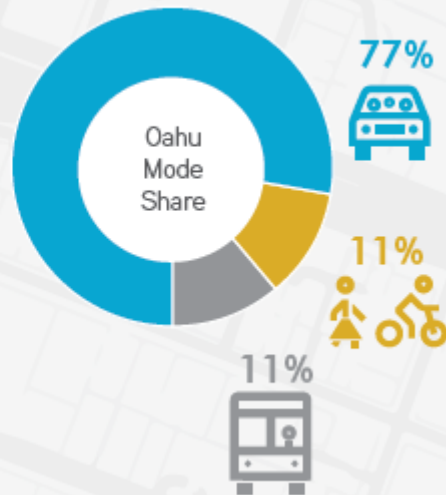
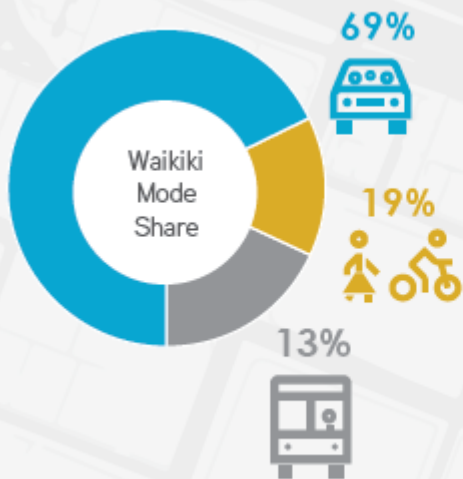
live in an area where they could easily walk with a new canal connection

9,000+

live in an area where they could bike



Residents of Waikiki are 45% more likely to walk, bike or use transit than Oahu residents.



Walkshed and Bikeshed – Existing and Proposed Facilities

87,000 PEOPLE
CURRENTLY LIVE IN AN AREA
WHERE THEY CAN EASILY WALK OR
BIKE ACROSS THE ALA WAI CANAL
TO OR FROM CENTRAL WAIKIKI.



THE NEIGHBORHOODS
AROUND THE CANAL ARE
ESTIMATED TO GAIN

5,550
NEW RESIDENTS BY 2045.

MEDIAN HOUSEHOLD INCOMES ARE

17% TO 29% LOWER

IN NEIGHBORHOODS AROUND THE CANAL THAN
HONOLULU'S MEDIAN HOUSEHOLD INCOME OF \$77,161.

UPWARDS OF

25% OF WAIKIKI
AND MCCULLY-MOILIILI
RESIDENTS DO NOT OWN
A CAR AND REGULARLY
COMMUTE BY MEANS
OTHER THAN CAR

Source: OahuMPO Travel Demand Model



THE NEIGHBORHOODS AROUND
THE CANAL ARE HOME TO

7,000+ PEOPLE
EXPERIENCING A DISABILITY.

ONE IN TEN

HONOLULU RESIDENTS ARE
EXPERIENCING A DISABILITY.

STUDY AREA



Kainoa

Lives on Namahana St. and goes to school at Ala Wai Elementary

To bike to school, he has to go out of the way to cross the busy McCully Bridge. With a new canal crossing, his ride to school could be safer and shorter.



Lucy

Lives in Moiliili on Nakookoo St and works at the Sheraton in Waikiki

To walk to work she must cross the McCully bridge, after which it's hard to look professional in the heat. With a new crossing, she can save nearly 10 minutes and arrive looking fresh and ready to work.



Peter

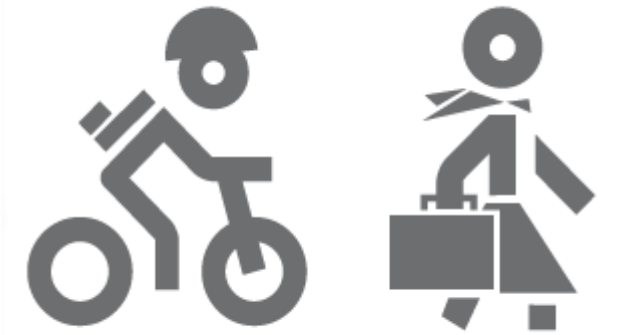
Is a car-free UH student and wants to go surfing at Canoes in Waikiki

To get to the surf break he now goes through Kapaulu. With a new connection, he can cut down his bike ride and spend more time on the beach.



Walkshed and Bikeshed – Example Routes





WITH A NEW CANAL CROSSING,

3,000+

MORE PEOPLE WOULD BE ABLE
TO WALK OR BIKE TO WORK.

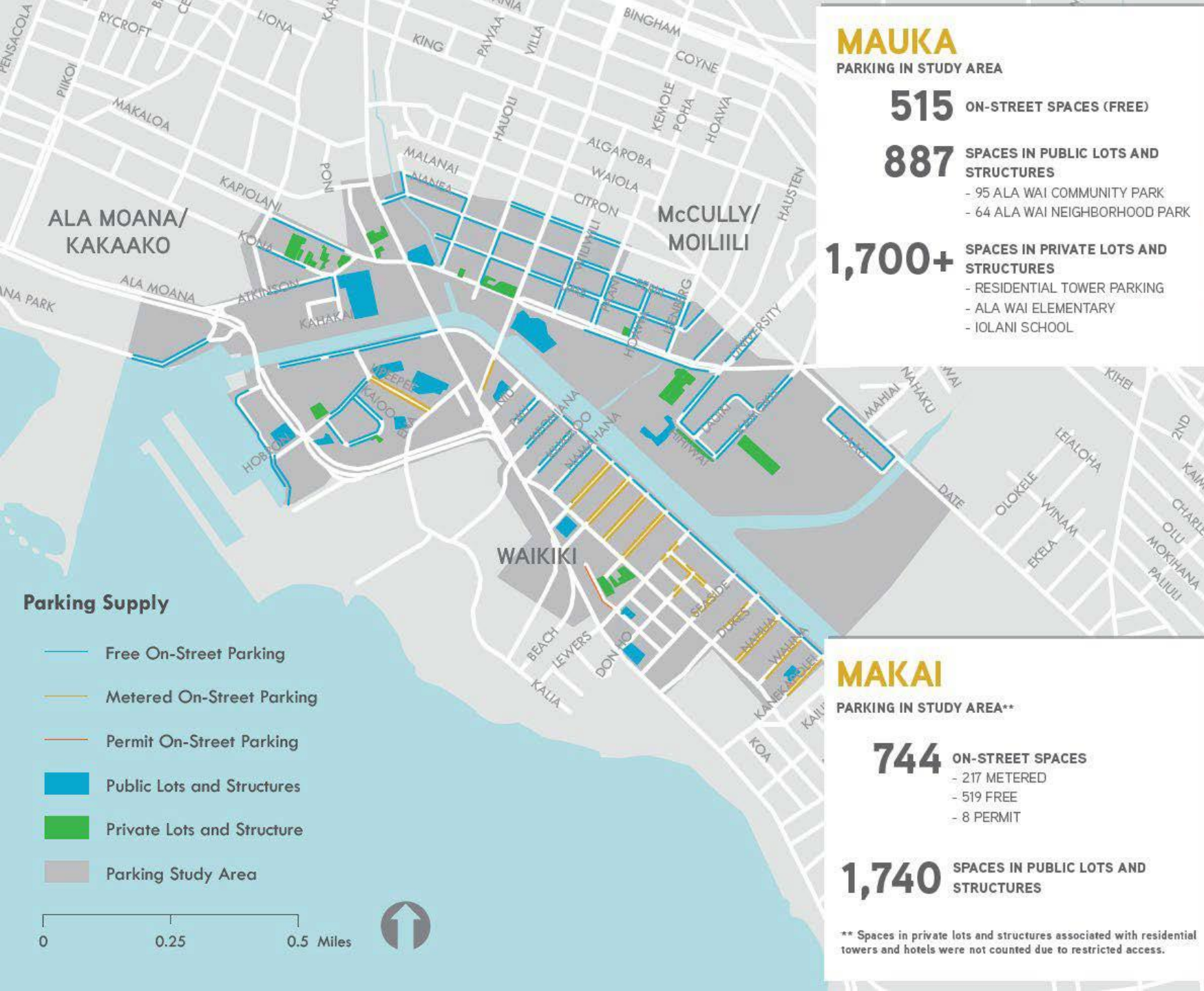
Source: 2015 LEHD

Complete Streets Corridors

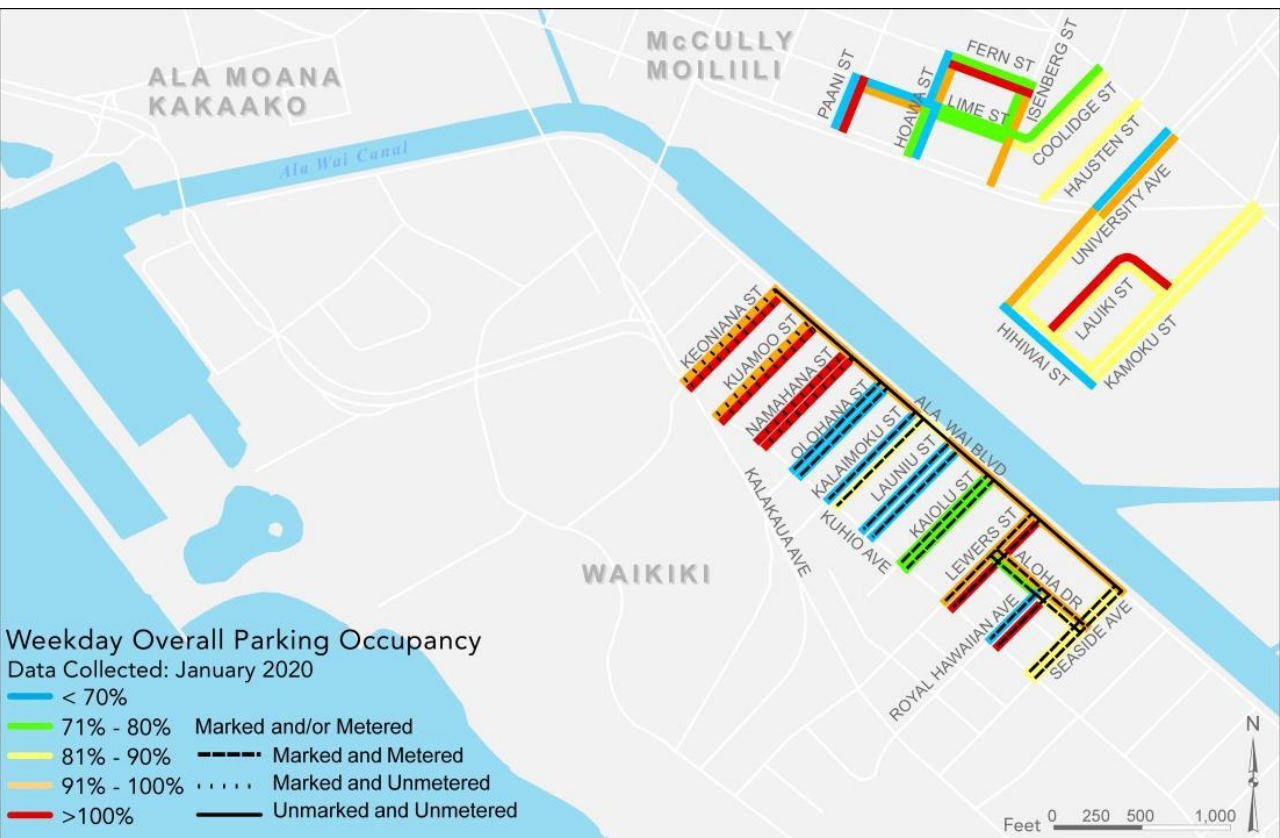


Existing and Planned Bicycle Facilities

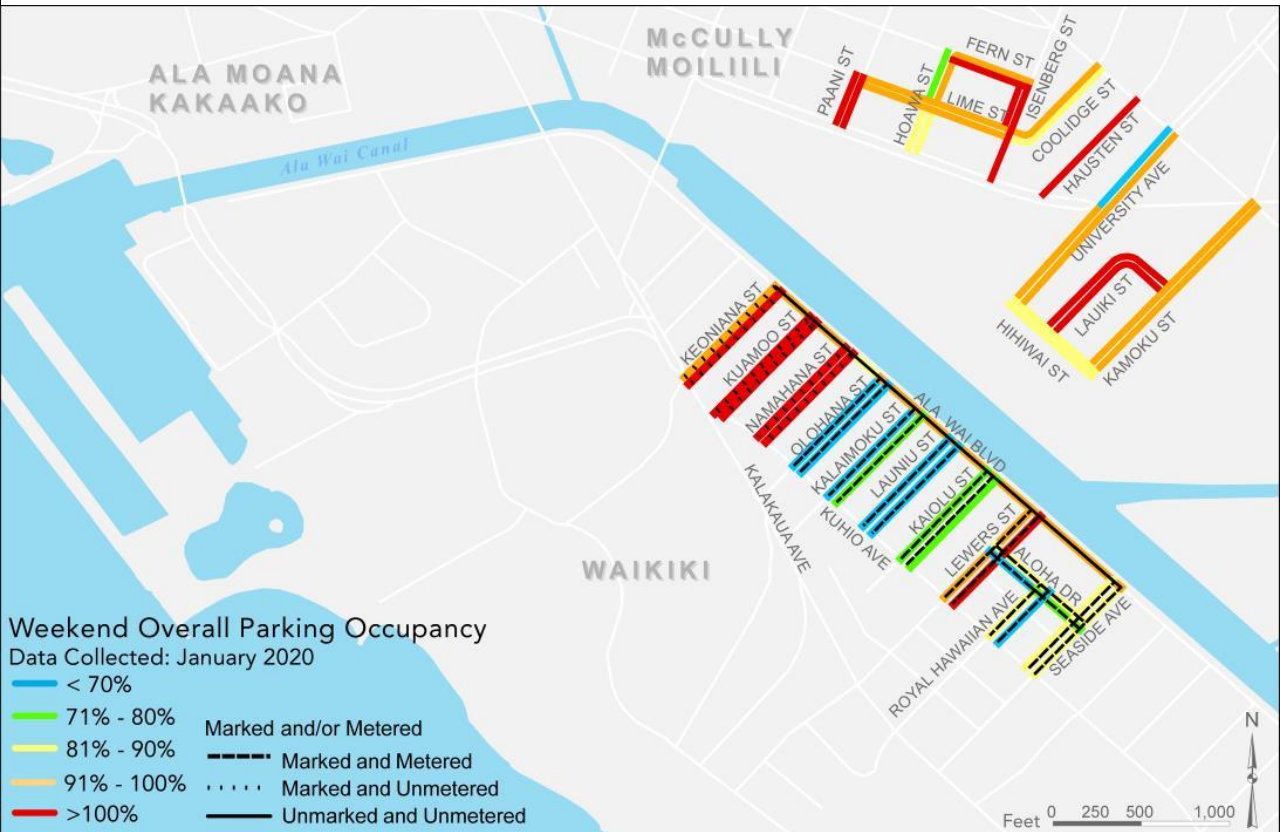
Parking Inventory Map



Weekday

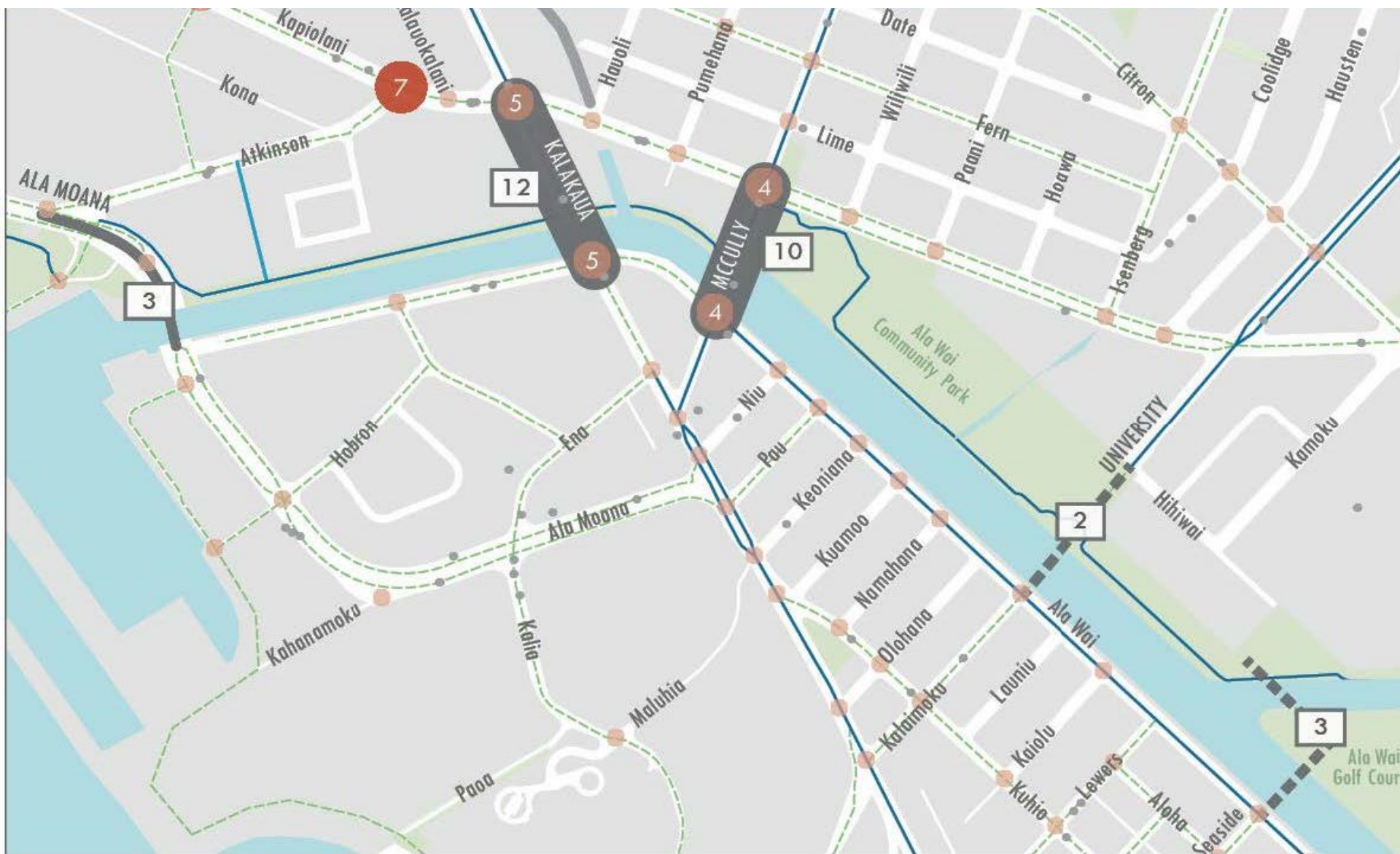


Weekend



Parking Occupancy Maps





Pedestrian and Bicycle Collisions (2014 - 2018)

- High crash link
- Low crash link
- Number of collisions

Intersection Collisions

- 1 - 3
- 4 - 6
- 7 - 8
- Non-Intersection Collisions

Bike Network

(2018 Oahu Bike Plan)

- Existing Bicycle Infrastructure
- Proposed Bicycle Infrastructure

Source: Hawaii Department of Transportation

Collisions Involving People Walking and Bicycling (2014-2018)



EVACUATION ROUTES WITH NEW CROSSING AT UNIVERSITY AVENUE



A crossing at University Ave will **decrease evacuation times from Waikiki by...**

 → **15 MINUTES**
FOR 20,000 PEOPLE




Emergency Evacuation Routes with New Crossing



McCully Bridge

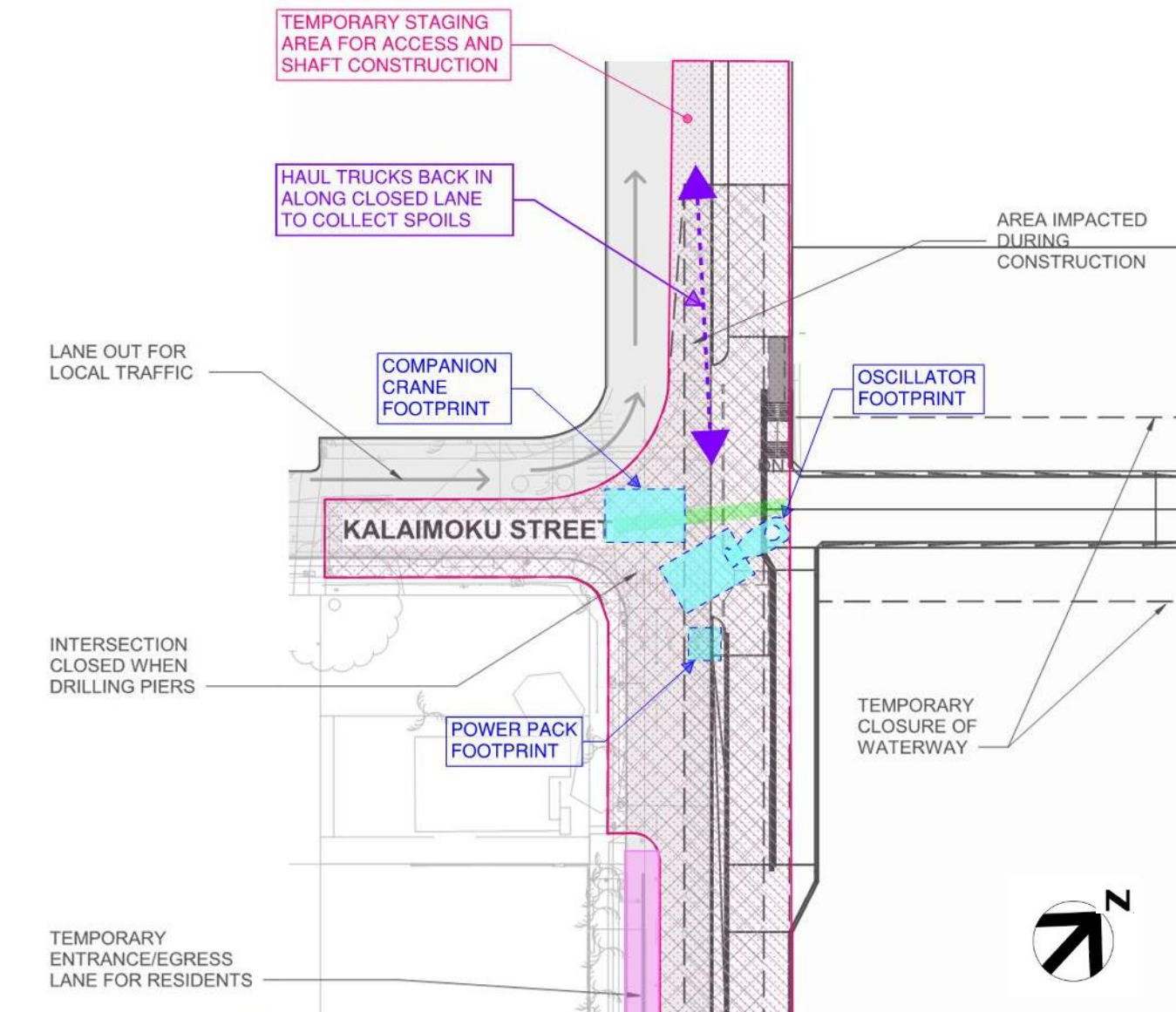


DAILY TRAVEL VOLUMES ACROSS EXISTING CROSSINGS

ALA MOANA BLVD	KALAKAUA AVE	MCCULLY ST	KAPAHULU AVE	
4,650	3,950	3,250	2,500	 
71,000	70,000	72,000	36,000	

Source: 2016 Traffic Counts

Existing Conditions



Temporary impacts:

- Completely close Ala Wai Blvd for shaft construction.
- Close Kalaimoku Street except for local access

Long term impacts:

- Loss of approximately 6-8 parking stalls on Ala Wai Blvd.

MAKAI
DURING CONSTRUCTION

Temporary closure of parking lot near primary construction site.

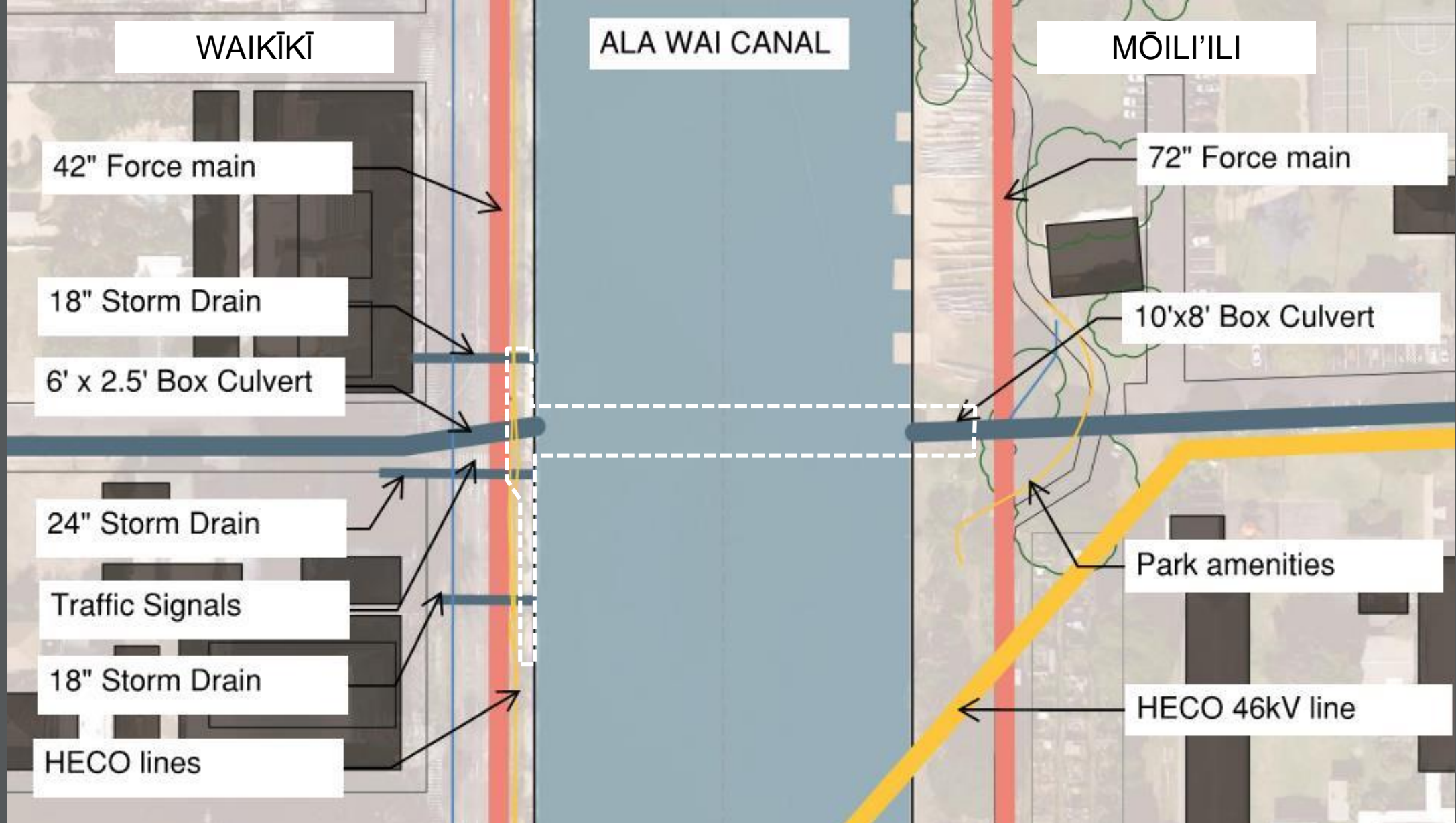
Parking relocation within Ala Wai Neighborhood Park

Construction vehicles entering through/from University Avenue.

MAUKA

DURING CONSTRUCTION





UTILITIES

Force main HECO Storm Drain

BREAKOUT ROOMS:

1. Transportation, Infrastructure, & Utilities
2. Historic, Cultural, & Archaeological Resources
3. Recreation & Section 4(f)
4. Views & Aesthetics
5. Public Services (i.e., fire, police, schools, etc.)
6. Natural Environment



ZOOM Breakout Groups

Zoom Meeting

Participant 1 Participant 2

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